

PROJECT REPORT

1. INTRODUCTION

1. Project Overview
2. Purpose

2. LITERATURE SURVEY

1. Existing problem
2. References
3. Problem Statement Definition

3. IDEATION & PROPOSED SOLUTION

1. Empathy Map Canvas
2. Ideation & Brainstorming
3. Proposed Solution
4. Problem Solution fit

4. REQUIREMENT ANALYSIS

1. Functional requirement
2. Non-Functional requirements

5. PROJECT DESIGN

1. Data Flow Diagrams
2. Solution & Technical Architecture
3. User Stories

6. PROJECT PLANNING & SCHEDULING

1. Sprint Planning & Estimation
2. Sprint Delivery Schedule
3. Reports from JIRA

7. CODING & SOLUTIONING (Explain the features added in the project along with code)

1. Feature 1
2. Feature 2

Database Schema (if Applicable)

8. TESTING

1. Test Cases
2. User Acceptance Testing

9. RESULTS

1. Performance Metrics

10. ADVANTAGES & DISADVANTAGES

11. CONCLUSION

12. FUTURE SCOPE

13. APPENDIX

Source Code

GitHub & Project Demo Link

1. INTRODUCTION

1.1. PROJECT OVERVIEW

Crop production in India is one of the most important sources of income and India is one of the top countries to produce crops. As per this project we will be analyzing some important visualization, creating a dashboard and by going through these we will get most of the insights of Crop production in India.

1.2. PURPOSE

To estimate the crop yield using various visualizations such that the crop production can be increased in various parts of the country. Such that the farmers can get more insights from the previous crop yield and improve their productions .

LITERATURE SURVEY

2.1 EXISTING PROBLEM

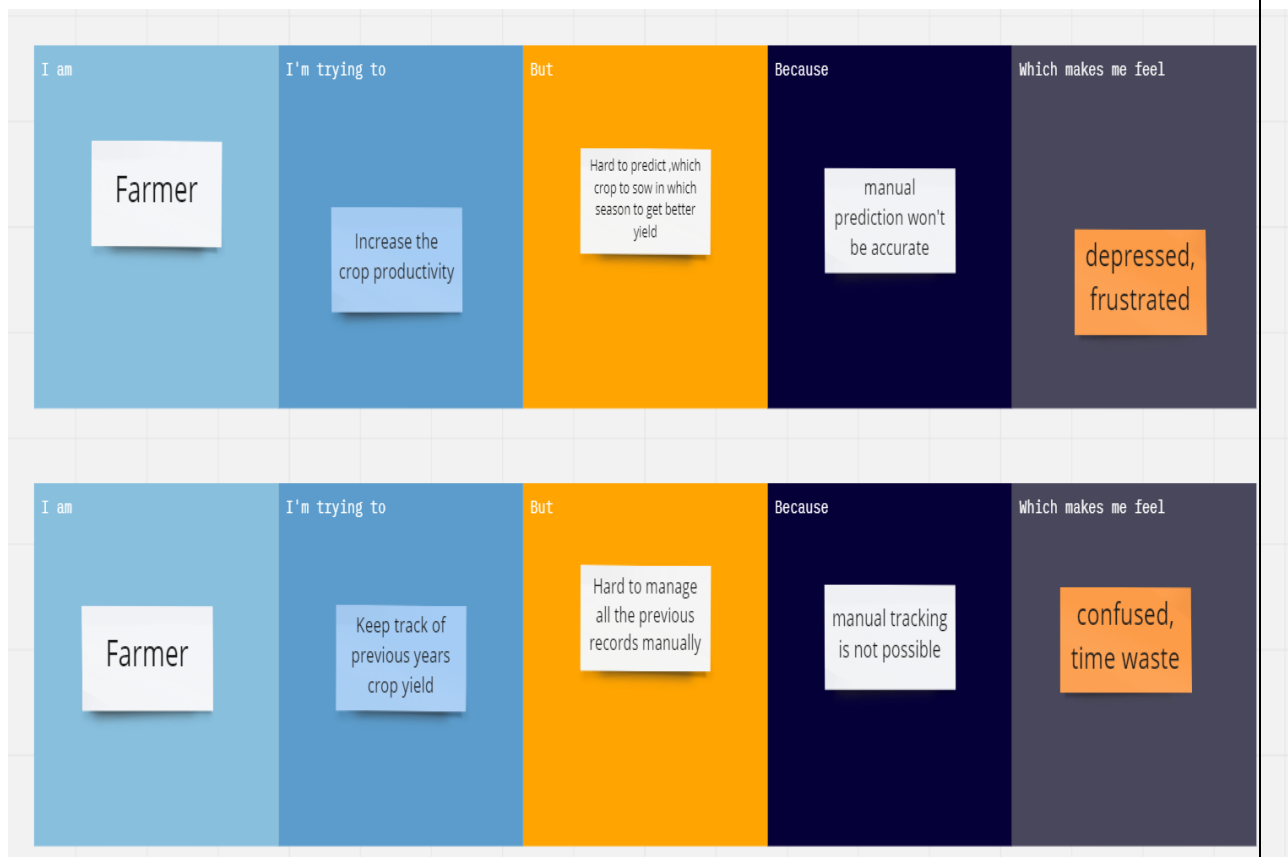
- The accurate estimation of both harvested area and yield are equally important in ensuring the accurate determination of their product.
- Although the yield part of the equation gets most of the attention, there are many complexities to the estimation of area that might not be readily apparent.
- Timing qualifiers will be associated with the term estimation to distinguish the early or mid-season (and even prior-to-season) efforts from those at end-of-season.

2.2 REFERENCE

- Dhivya B H, Manjula R, Siva Bharathi S, Madhumathi R. A Survey on Crop Yield Prediction based on Agricultural Data, International Journal of Innovative Research in Science, Engineering and Technology. 2017.
- Jharna Majumdar, Sneha Naraseeyappa, Shilpa Ankalaki. Analysis of agriculture data using datamining techniques: application of big data. Journal of Big data. 2017.

Majumdar J, Ankalaki S. Comparison of clustering algorithms using quality metrics with invariant features extracted from plant leaves. International Conference on Computational Science and Engineering. 2016.

2.3 PROBLEM STATEMENT DEFINITION



3. IDEATION & PROPOSED SOLUTION

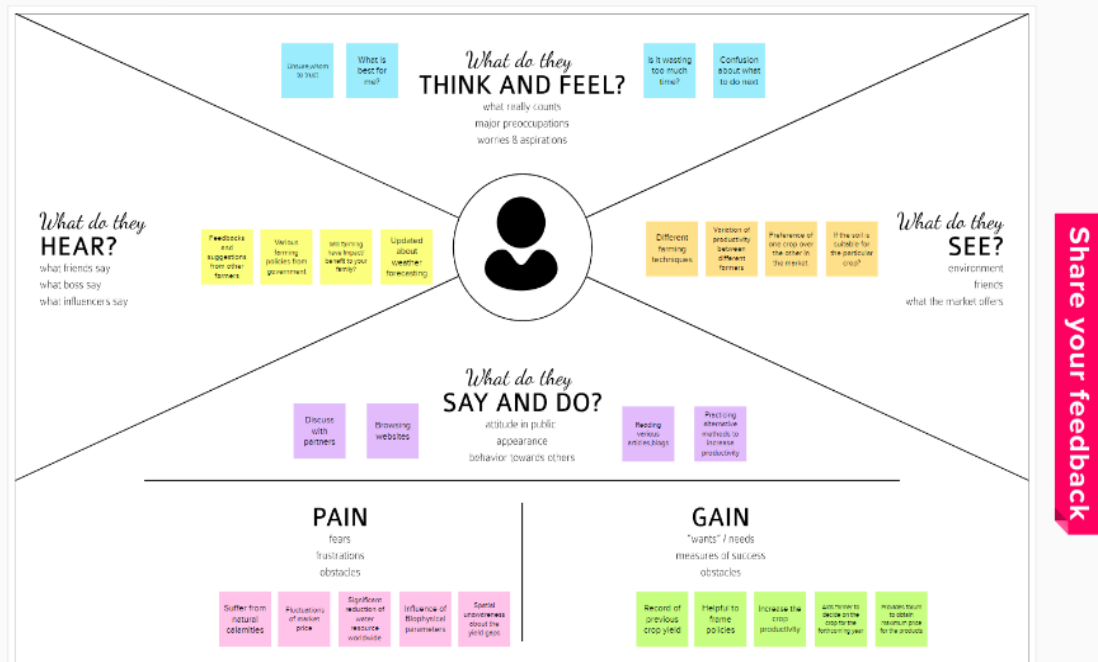
3.1 EMPATHY MAP CANVAS

Empathy Map Canvas

Gain insight and understanding on solving customer problems.

1

Build empathy and keep your focus on the user by putting yourself in their shoes.



3.2 IDEATION AND BRAINSTORMING

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

TIP

You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

Likitha

Experimenting different crop combinations to see which one gives the highest yield.

Analysing the crop which gives the highest profit.

Analysing the land which gives the highest productivity.

Subiksha

Experimenting different crop combinations to see which one gives the highest yield.

Analysing the crop which gives the highest profit.

Analysing the land which gives the highest productivity.

Emila Paul

Experimenting different crop combinations to see which one gives the highest yield.

Analysing the crop which gives the highest profit.

Analysing the land which gives the highest productivity.

Anbu Priya

Experimenting different crop combinations to see which one gives the highest yield.

Analysing the crop which gives the highest profit.

Analysing the land which gives the highest productivity.

3

Group ideas

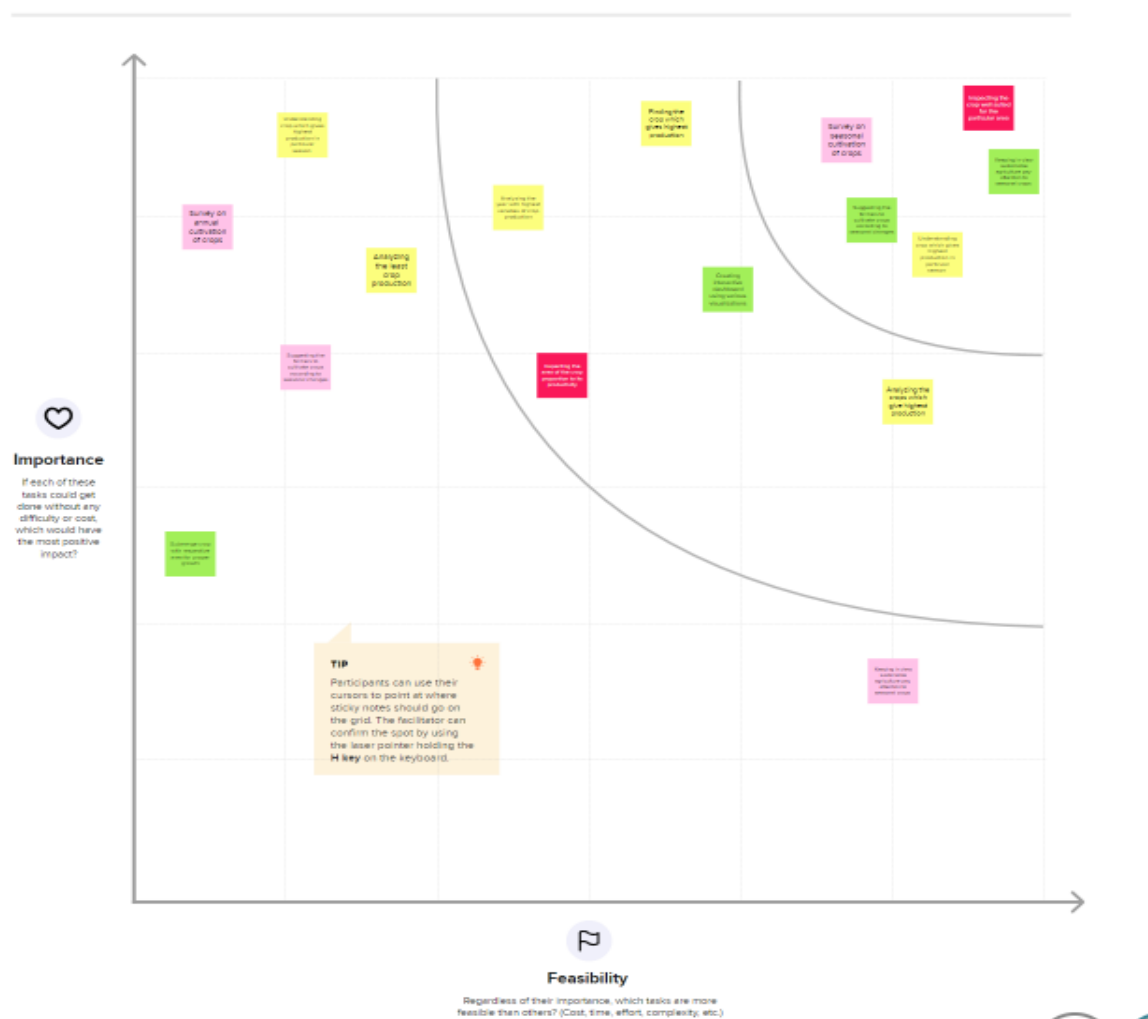
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕒 20 minutes



Prioritize

20 minutes

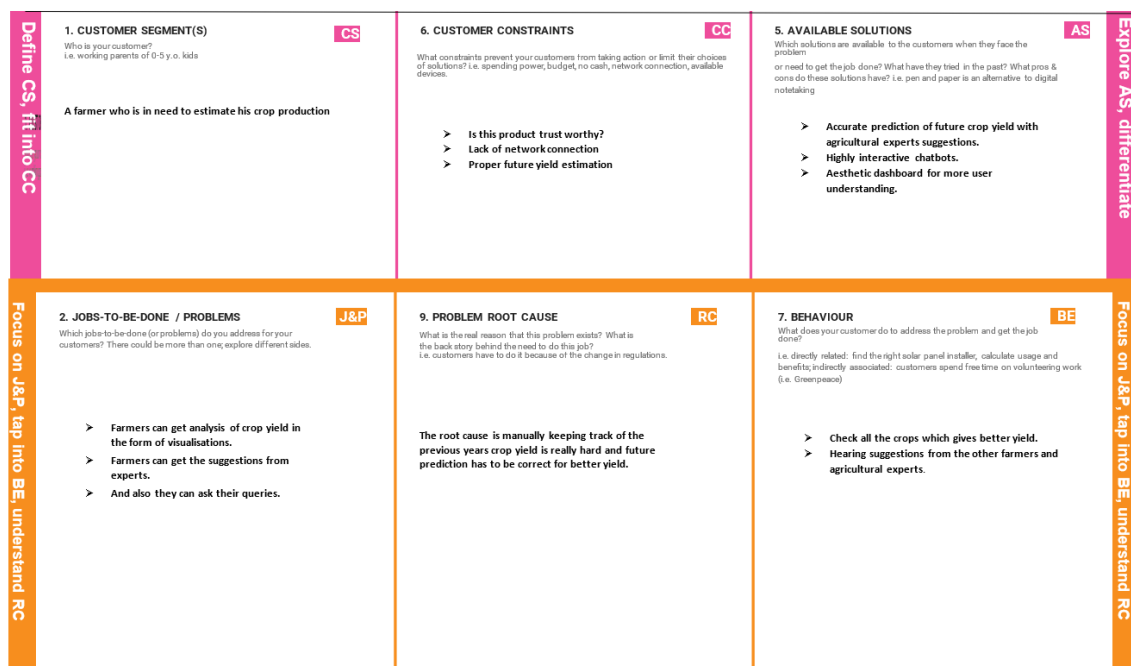


3.3. PROPOSED SOLUTION

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A farmer who requires an efficient way to analyse their crop yields so that the tracking of previous crop yields and prediction of the future yields manually need not be required.
2.	Idea / Solution description	<ul style="list-style-type: none"> ➤ Crop production in India is one of the most important sources of income and India is one of the top countries to produce crops. ➤ In this project we will be analysing important visualization by creating a dashboard and by going through these

		<p>we will get most of the insights of Crop production in India.</p> <ul style="list-style-type: none"> ➤ Providing proper knowledge to farmers about the crops to be sown in its respective season.
3. x	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ Creating interactive Chatbots. ➤ Attractive dashboard with aesthetic visualisation. ➤ Providing expert suggestions to farmers.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ This project is helpful in framing government policies related to crop insurance to farmers. ➤ This helps the farmers to keep track of previous crop yield.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ Supply chain operation between farmers and Entrepreneurs. ➤ Helps the companies in project scheduling.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ➤ Available for large scale farmers. ➤ Dataset can be updated according to future needs.

3.4 PROBLEM SOLUTION FIT



Identify strong TR & EM	3. TRIGGERS <small>What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</small> Seeing the increased productivity of other farmers. New techniques which gives more productivity to others.	10. YOUR SOLUTION <small>If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.</small> > Creating interactive chatbots. > Attractive dashboard with aesthetic visualization. > Providing expert suggestions to farmers. > Predicting the future crop yields. > Storing the past crop yield datas. > Helping the farmers to choose which crop has to be sown in that particular season for better yield.	8. CHANNELS of BEHAVIOUR 8.1 ONLINE <small>What kind of actions do customers take online? Extract online channels from #7</small> Finding trust worthy estimation of crop yield online.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER <small>How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.</small> Frustrated, confused and depressed		8.2 OFFLINE <small>What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</small> Can use the estimation models for identifying which crop has to be sown and implementing it in the real time.	

4. REQUIREMENT ANALYSIS

4.1 FUNCTIONAL REQUIREMENTS

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail Registration through google
FR-2	Account creation	Email and password for account creation
FR-3	User Confirmation	Confirmation via Email Confirmation via OTP
FR-4	Give the required data	Take the data given by the user as the input for the analysis
FR-5	Analysis	Analyse the yield of crop from the data given by the user
FR-6	Estimation or predicting the yield	Estimate the crop yield from the analysis and creating interactive dashboard.

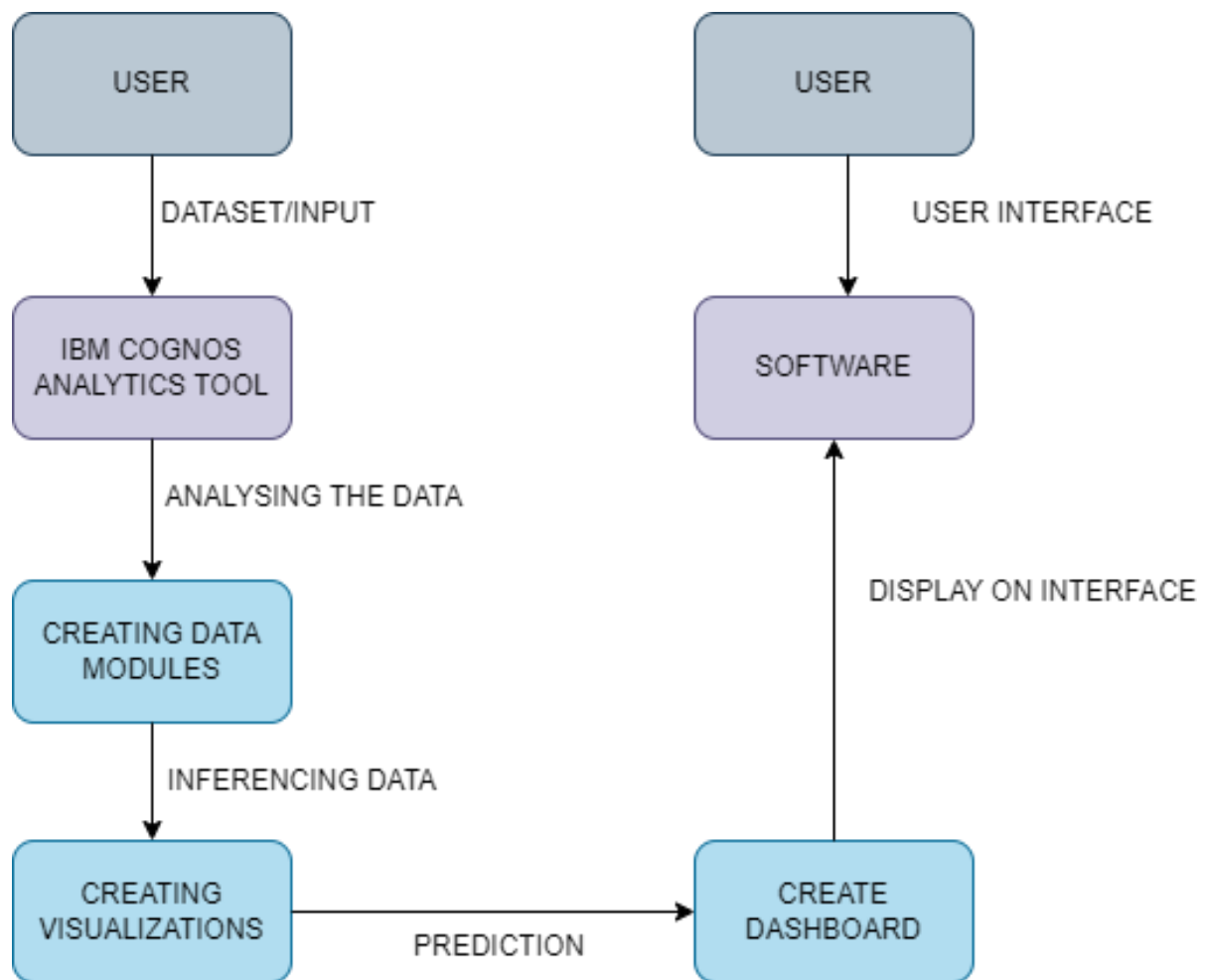
4.2 NON FUNCTIONAL REQUIREMENTS

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Good mobile navigation will boost the usability of the entire product, helping users to enjoy all the features offered. Bad navigation will make it difficult to find things, making it less likely that users will ever experience the product the way the design team had envisioned. Our solution has better features in navigation such as hamburger menu, Bottom navigation, Top navigation, Cards, Tabs, Gesture-Based Navigation, Full-screen navigation, 3D touch. In our app, we're using general language English to make the app user-friendly .Crop recommendation are given and solutions are given by the experts.

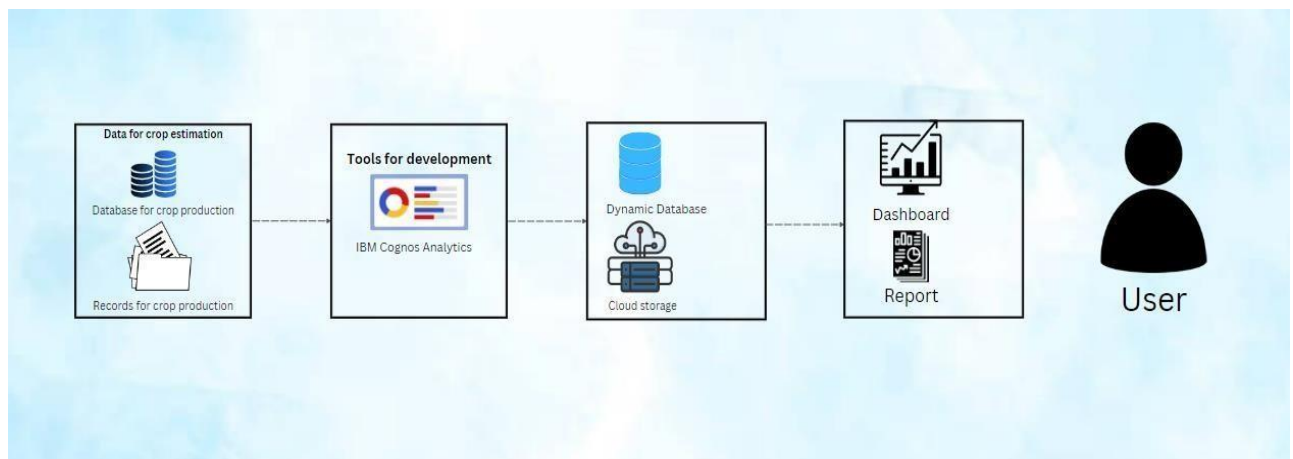
NFR-2	Security	<p>1. Provide the right permissions- Request only the minimum number of permissions necessary for your app to function properly. When possible, relinquish permissions when your app no longer needs them.</p> <p>2. Store data safely- Store private data within internal storage</p> <p>3. Ask for credentials before showing sensitive information</p> <p>4. Keep services and dependencies up to date</p> <p>5. Apply network security measures such as Add a network security configuration</p> <p>6. Use WebView objects carefully- WebView objects in your app shouldn't let users navigate to sites that are outside of your control. Whenever possible, use an allow list to restrict the content loaded by your app's WebView objects.</p> <p>7. Disallow access to your app's content providers-Unless you intend to send data from your app to a different app that you don't own, explicitly disallow other developers' apps from accessing your app's Content Provider objects.</p>
NFR-3	Reliability	<p>1. Our app is made accessible whenever needed.</p> <p>2. It Responds within the time frame needed</p> <p>3. It is regularly updated or modified as needed by the user.</p> <p>4. Provide security and privacy to the extent needed by the user.</p> <p>5. Provide bug free operation that is simple and easily predictable</p> <p>6. the interactive dashboards will be easy to understand and useful for the farmers.</p>
NFR-4	Performance	<p>1. Our app responds quickly by making application size small, using CDN & app bundles and produces the output and it takes lesser session length</p> <p>2. Our app provides unique solution than the present system in the software</p> <p>3. Special team is formed to reply queries of the users 24/7</p> <p>4. Our app provides real time notifications about the user condition.</p>

5.DASHBOARD:

5.1.DATA FLOW DIAGRAM:



5.2.SOLUTION AND TECHNICAL ARCHITECTURE:



5.3 USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register and the access the dashboard using Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	If I forgot my password, I can reset using Reset password option	High	Sprint-1
	Dashboard	USN-6	As a user, I can login to the application and view dashboard	I can look into the insights	High	Sprint-1
Customer (Web user)	Registration	USN-7	As a user, I can register for the	I can access my account /	High	Sprint-1

			application by entering my email, password, and confirming my password	dashboard		
--	--	--	--	-----------	--	--

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-8	As a user, I can register for the application by entering my email, password, and confirming my password	I can add my profile photo and edit my account information	High	Sprint-1
Expert	Communication	USN-9	As an expert, I can give customer support and communicate with customers related to their queries	I can maintain good relationship with clients	High	Sprint-1
Administrator	Chief Executive	USN-10	As a user , I can take business driven decisions to improve the growth of the company	Add or remove products	High	Sprint-1
Estimator	Estimation	USN-11	As a user, I can go through all the items and will try to estimate this session	To increase the crop yield using the correct estimation	Medium	Sprint-1

6. PROJECT PLANNING & SCHEDULING

6.1 SPRINT PLANNING AND ESTIMATION:

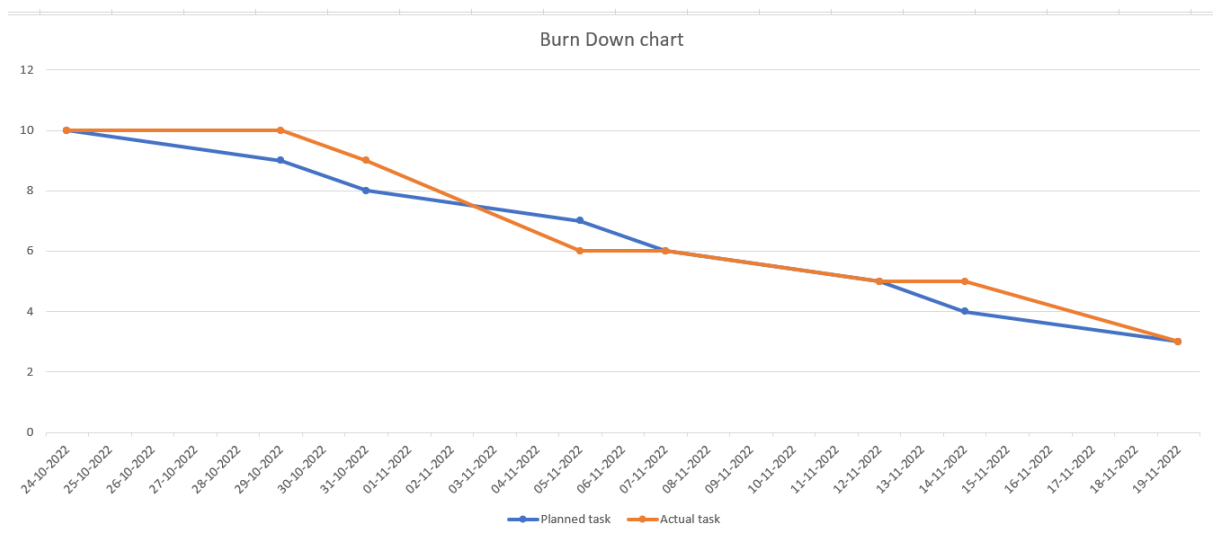
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Emila Paul Y S
		USN-2	As a user, I will receive confirmation pop up once I have registered for the application	1	High	Subiksha M S
		USN-3	As a user, I can register for the application through Gmail	2	Medium	Likithe K
	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Anbu Priya A D
Sprint-2	Understanding the dataset	USN-5	Downloaded the dataset and understood the number of features used in it.	3	High	Subiksha M S
	Loading the dataset	USN-6	The crop_production.csv dataset is loaded into the ibm cognos platform	5	High	Likithe K
	Visualisations	USN-7	As a user, I can view the various visualisations which give me more insight.	6	High	Anbu Priya A D
	Dasboard	USN-8	As a user, I can make use of the interactive dashboard.	7	High	Emila Paul Y S
Sprint-3	Story	USN-9	As a user, I can able to view the stories which will be more helpful for me	6	High	Anbu Priya A D

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Report	USN-10	As a user, I can able to view the reports of various crop yields in different areas which will be more helpful for me	6	High	Emila Paul Y S
Sprint-4	Database	USN-11	For storing the user informations and their feedbacks, database has been created	5	High	Likithe K
	Feedback form	USN-12	As a user, I can give my feedback	4	High	Subiksha M S
	Integration	USN-13	Integrating all the features and created a web page for better user understanding	6	High	Emila Paul Y S

6.2 SPRINT DELIVERY SCHEDULE

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

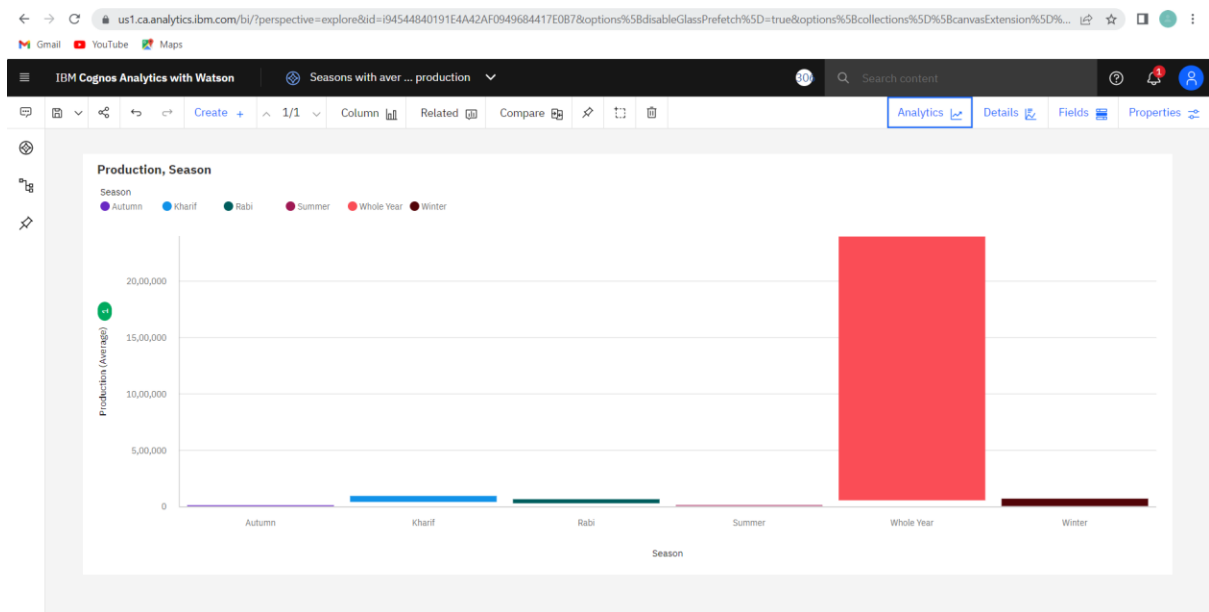
6.3. REPORTS FROM JIRA



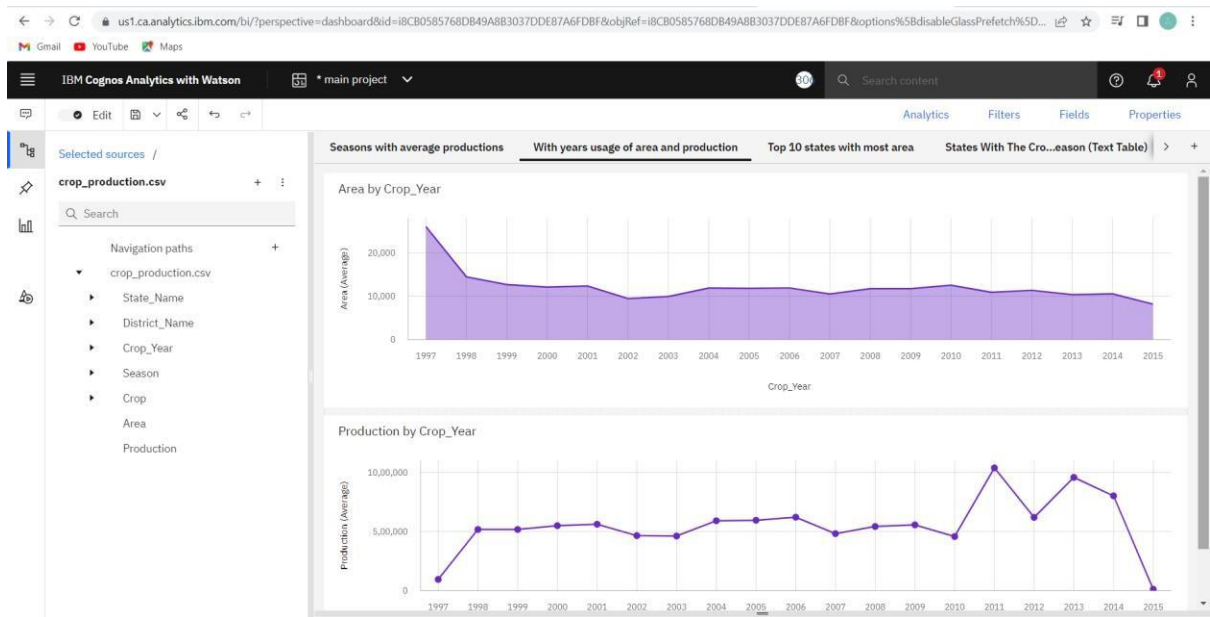
7. CODING & SOLUTIONING (Explain the features added in the project along with code)

7.1 FEATURE 1(VISUALIZATIONS AND DASHBOARD)

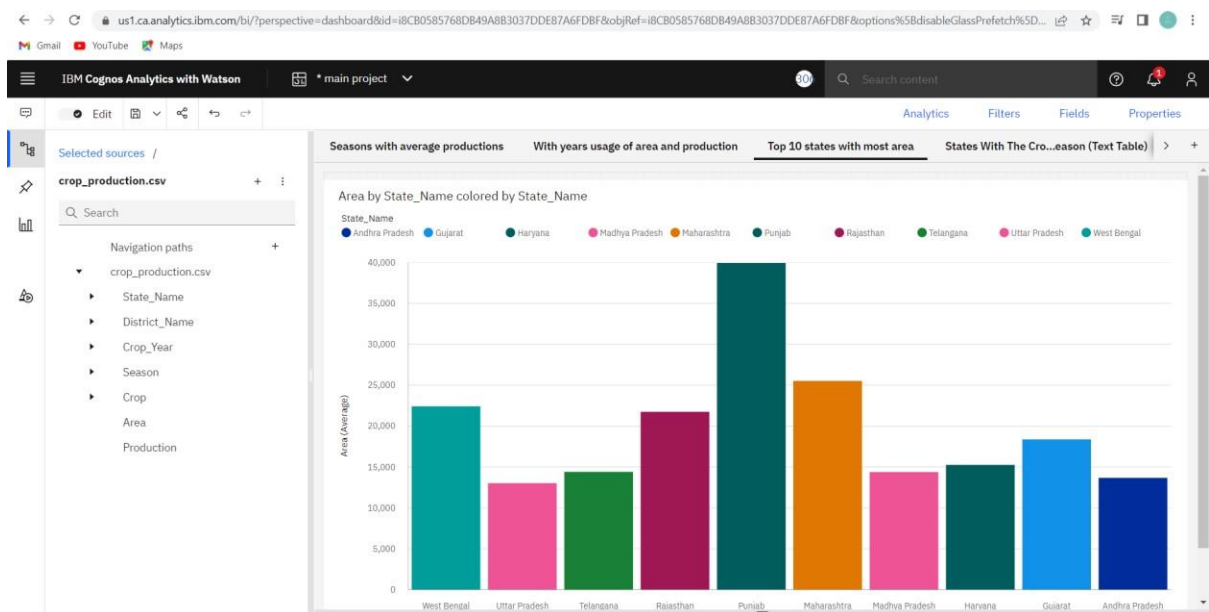
1.Seasons with average productions:



2.With years usage of area and production



3. Top 10 states with most area



4. States with the crop production and season(with text table)

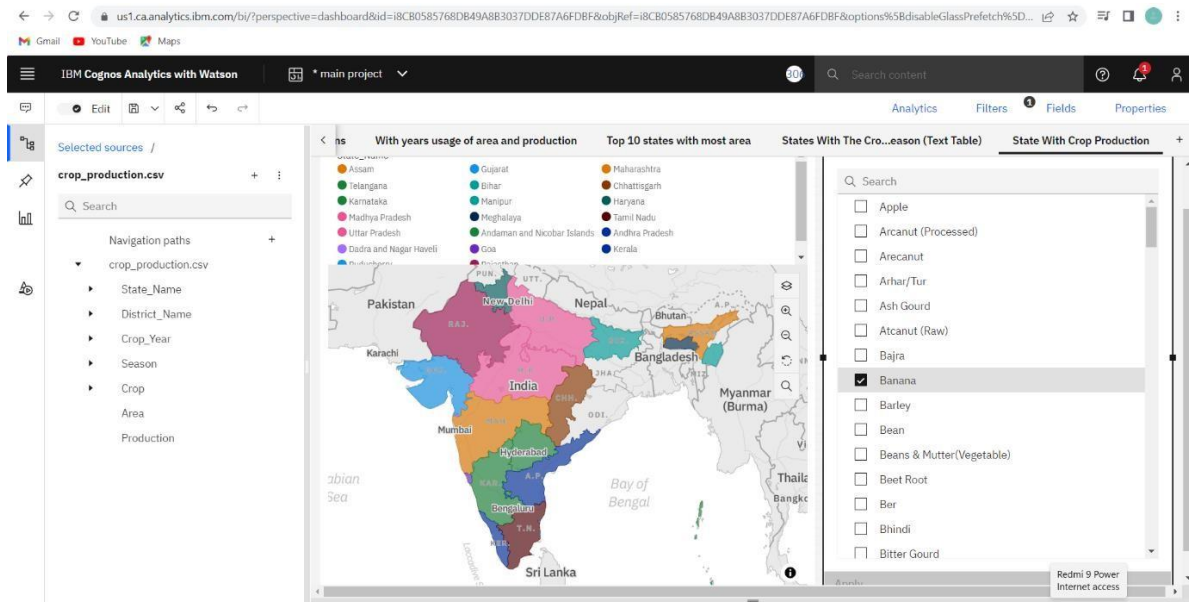
State_Name and Crop

State_Name	Crop
Andaman and Nicobar Islands	Areca nut
	Arhar/Tur
	Banana
	Black pepper
	Cashew nut
	Coconut
	Dry chillies
	Dry ginger
	Groundnut
	Maize
	Moong(Green Gram)
	Other kharif pulses
	Rice
	Sugarcane
	Sunflower

Season and Crop

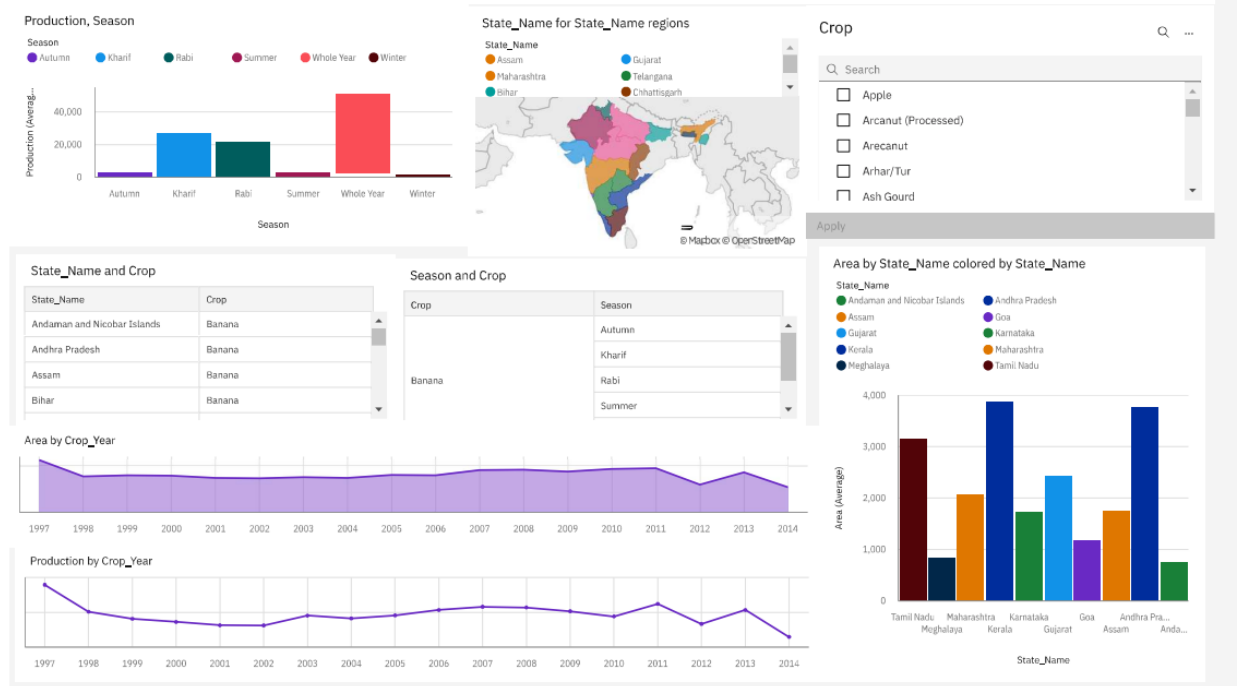
Crop	Season
Apple	Whole Year
Areca nut (Processed)	Whole Year
Kharif	
Areca nut	Rabi
Whole Year	
Autumn	
Kharif	
Rabi	
Summer	
Whole Year	
Winter	
Ash Gourd	Whole Year
Atcanut (Raw)	Whole Year
Kharif	
Rabi	

5.State with crop production

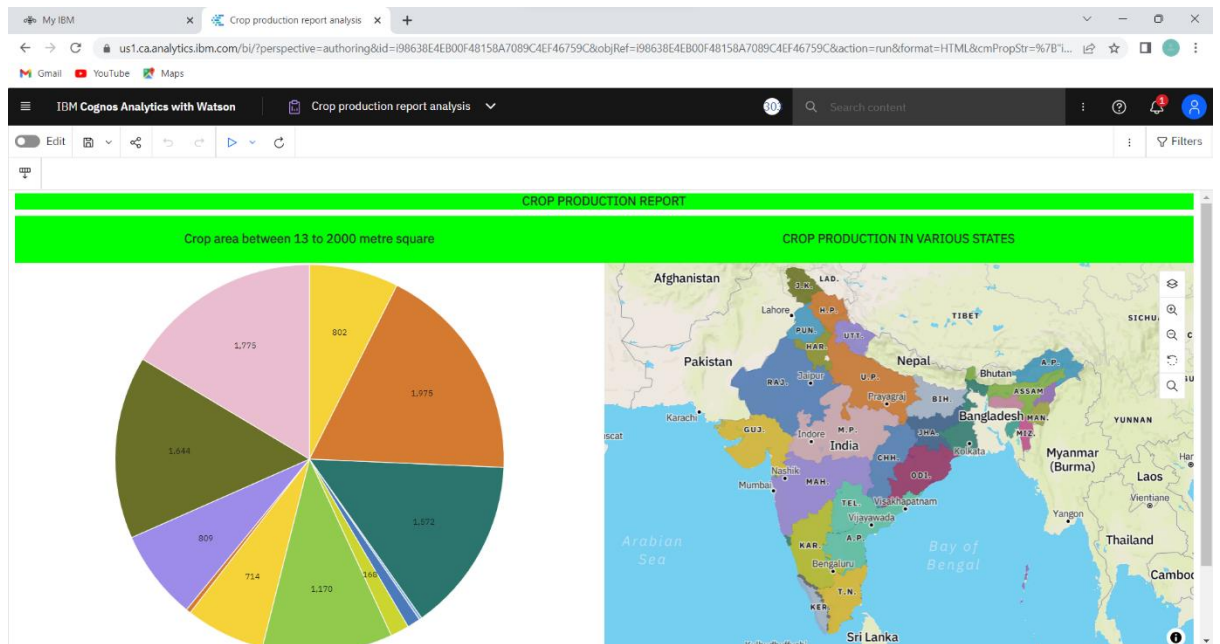


DASHBOARD

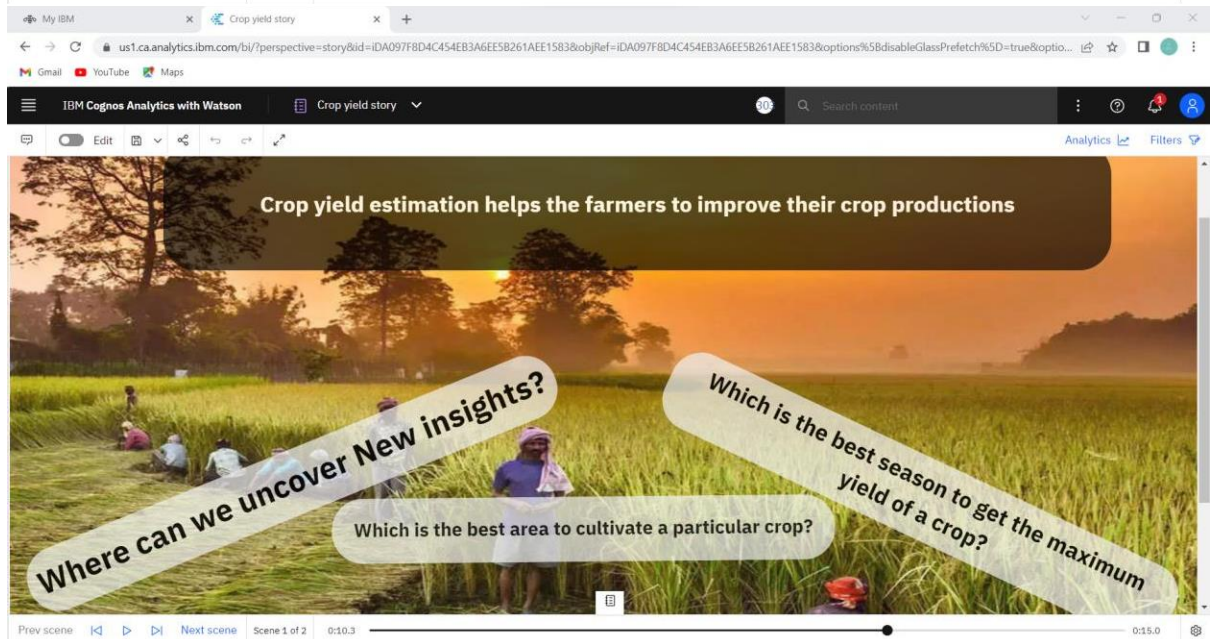
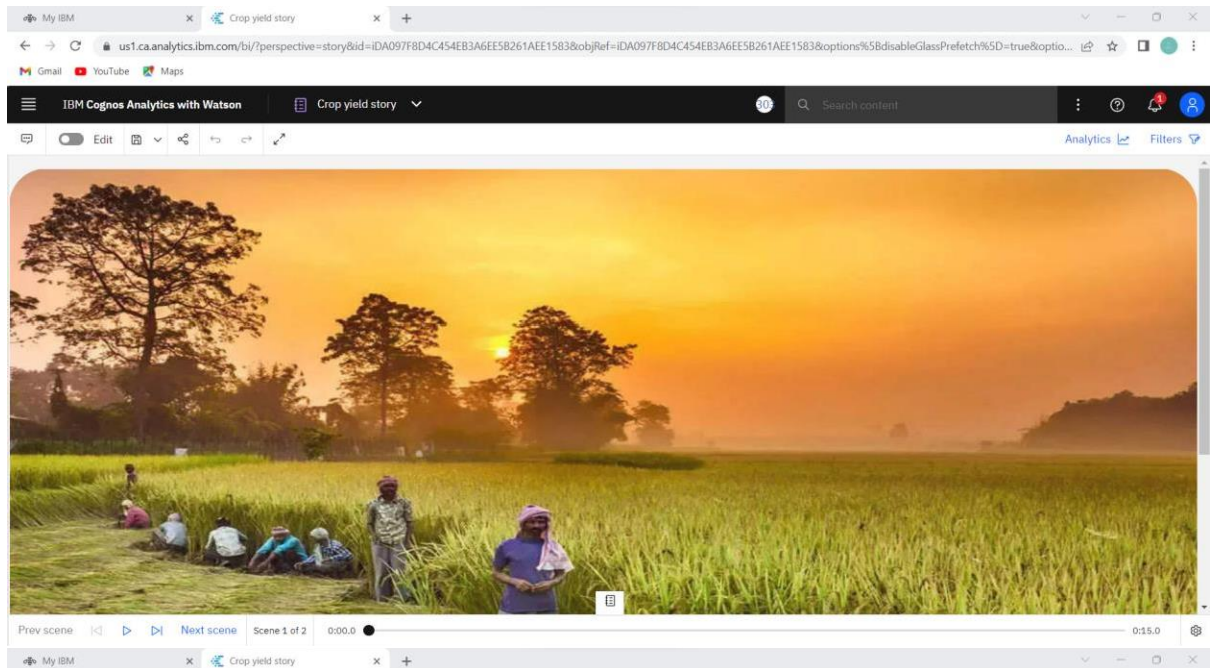
Tab 1

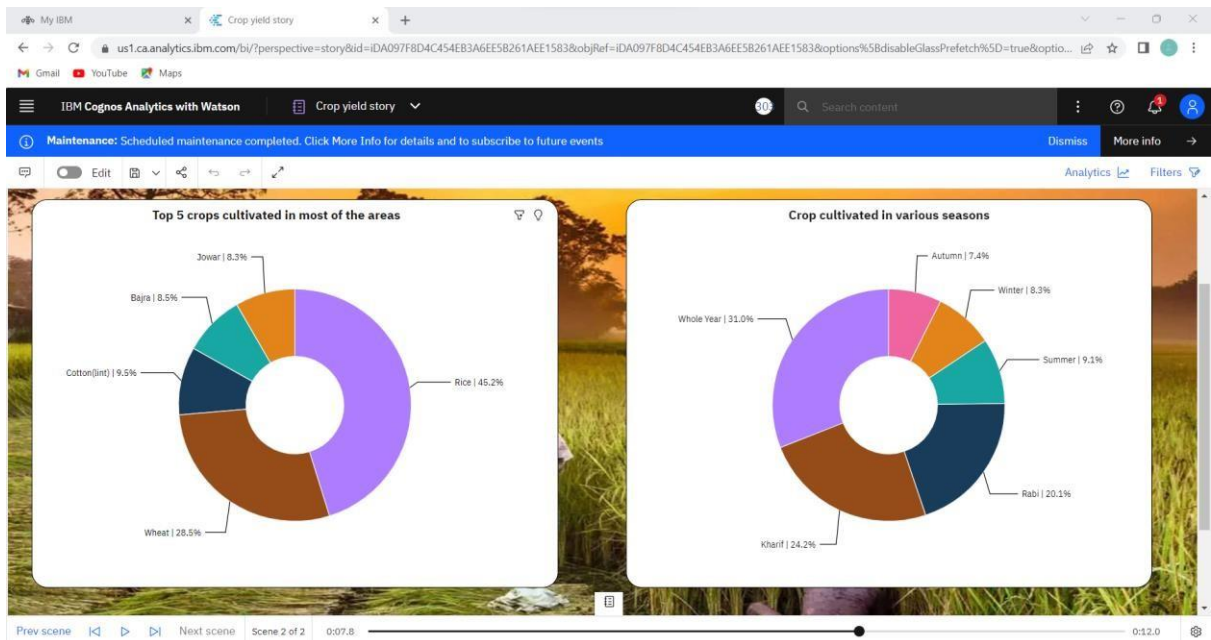


REPORT



STORY





7.3. DATABASE SCHEMA

The screenshot shows the phpMyAdmin interface for a database named 'agremo'. The 'Structure' tab is selected, displaying a table list with the following columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The table list includes:

Table	Action	Rows	Type	Collation	Size	Overhead
feedback	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 K	128
login	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 K	128
register	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 K	128
Sum		3 tables			48 K	384

Below the table list, there is a 'Create table' section with a 'Name' field and a 'Number of columns' field set to 4. A 'Go' button is located at the bottom right of this section.

8.TESTING

8.1 TEST CASES:

Test case ID	Feature Type	Component	Test Scenario	Steps To Execute	Test Data	Expected Result	Actual Result	Status
LoginPage_TC_OO1	Functional	Home Page	Verify user is able to see the Login/Signup popup when user clicked on My account button	1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/register button displayed or not		Login/Signup popup should display	Working as expected	Pass
LoginPage_TC_OO2	UI	Home Page	Verify the UI elements in Login/Signup popup	1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/register popup with below UI elements: a.email text box b.password text box c.Login button		Application should show below UI elements: a.email text box b.password text box c.Login button	Working as expected	Pass
LoginPage_TC_OO3	Functional	Home page	Verify user is able to log into application with Valid credentials	1.Enter URL and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter valid password in password text box 5.Click on login button	Username: emila@gmail.com password: 1234	User should navigate to user account homepage	Working as expected	Pass

LoginPage_TC_OO4	Functional	Login page	Verify user is able to log into application with Invalid credentials	1.Enter URL and click go 2.Click on My Account dropdown button 3.Enter Invalid username/email in Email text box 4.Enter valid password in password text box 5.Click on login button	Username: emila@gmail.com password: 1234	Application should show 'login invalid' validation message.	Working as expected	Pass	Subiksha M S and K
LoginPage_TC_OO4	Functional	Login page	Verify user is able to log into application with Invalid credentials	1.Enter URL and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter Invalid password in password text box 5.Click on login button	Username:emila@gmail.com password: 12	Application should show 'login invalid' validation message.	Working as expected	Pass	Emila Paul Y S and priya A E
LoginPage_TC_OO5	Functional	Login page	Verify user is able to log into application with Invalid credentials	1.Enter URL and click go 2.Click on My Account dropdown button 3.Enter Invalid username/email in Email text box 4.Enter Invalid password in password	Username: emila password: 123	Application should show 'login invalid' validation message.	Working as expected	Pass	Subiksha M S and K

12	RegistrationPage_TC_OO1	Functional	Registration Page	Verify the user can be able to register with the details	1.Click on the register button under the my account dropdown 2.Click on register button 3.Enter the details in the register page and submit	User should be able to register properly	Working as expected	Pass	Emila Paul Y S and priya A E
13	DetailsPage_TC_OO1	Functional	Details Page	Verify the user can be able to view the page and are able to visualise the dropdowns .	1.Click on the menu button 2.See the dropdowns	User can be able to see it properly	Working as expected	Pass	Subiksha M S and K
14	DetailsPage_TC_OO2	Functional	Details Page	Verify the user can be able to see all the visualisations	1.Click on the menu button 2.Click on the visualisations	User should get directed to the respective visualisations page in ibm cognos	Working as expected	Pass	Emila Paul Y S and priya A E
15	DetailsPage_TC_OO3	Functional	Details Page	Verify the user can be able to see the dashboard	1.Click on the menu button 2.Click on the dashboard	User should get directed to the dashboard page in ibm cognos	Working as expected	Pass	Subiksha M S and K
16	DetailsPage_TC_OO4	Functional	Details Page	Verify the user can be able to see the report	1.Click on the menu button 2.Click on the report	User should get directed to the report page in ibm cognos	Working as expected	Pass	Emila Paul Y S and priya A E
17	DetailsPage_TC_OO5	Functional	Details Page	Verify the user can be able to see the story	1.Click on the menu button 2.Click on the story	User should get directed to the story page in ibm cognos	Working as expected	Pass	Emila Paul Y S and priya A E
18	DetailsPage_TC_OO6	Functional	Details Page	Verify the user can be able to see the feedback form	1.Click on the menu button 2.Click on the feedback	User can be able to see the feedback form	Working as expected	Pass	Subiksha M S and K
	FeedbackPage_TC_OO1	Functional	Feedback form Page	Verify the user can be able to give their feedback	1.Click on the details page 2.Click on the feedback 3.View the feedback form	User can be able to enter their details and submit their feedback	Working as expected	Pass	Emila Paul Y S and priya A E
19	FeedbackPage_TC_OO1	Functional	Feedback form Page	Verify the user can be able to give their feedback	1.Click on the details page 2.Click on the feedback 3.View the feedback form 4.Give the details and submit	User can be able to enter their details and submit their feedback	Working as expected	Pass	Emila Paul Y S and priya A E
20	FeedbackPage_TC_OO2	Functional	Feedback form Page	Verify the user can get confirmation popup after successful submission	1.Click on the details page 2.Click on the feedback 3.View the feedback form 4.Give the details and submit	User can be able to get the successful popup	Working as expected	Pass	Subiksha M S and K
21	Admin_UserdetailsPage_TC_OO1	Functional	Admin user details page	Verify the admin can be able to see the user details	1.Click on the admin login 2.Go to details page 3.Click the menu icon 4.Click on the user details	Admin can be able to see the user details	Working as expected	Pass	Emila Paul Y S and priya A E
22	Admin_UserFeedbacksPage_TC_OO1	Functional	User Feedback page	Verify the admin can be able to see the user feedbacks	1.Click on the admin login 2.Go to details page 3.Click the menu icon 4.Click on the user feedbacks	Admin can be able to see the user feedbacks	Working as expected	Pass	Subiksha M S and K

8.2 USER ACCEPTANCE TESTING:

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the [ProductName] project at the time of the release to User Acceptance Testing (UAT).

2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	9	3	2	2	16
Duplicate	1	0	2	0	3
External	2	3	0	1	6
Fixed	11	2	4	4	21
Not Reproduced	0	0	1	0	1
Skipped	0	0	0	0	0
Won't Fix	0	0	0	0	0
Totals	23	8	9	7	47

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

Section	Total Cases	Not Tested	Fail	Pass
Home Page	2	0	0	2
Login Page	4	0	0	4
Registration Page	3	0	0	3
Details Page	6	0	0	6
Feedback Page	2	0	0	2
Admin user details page	2	0	0	2

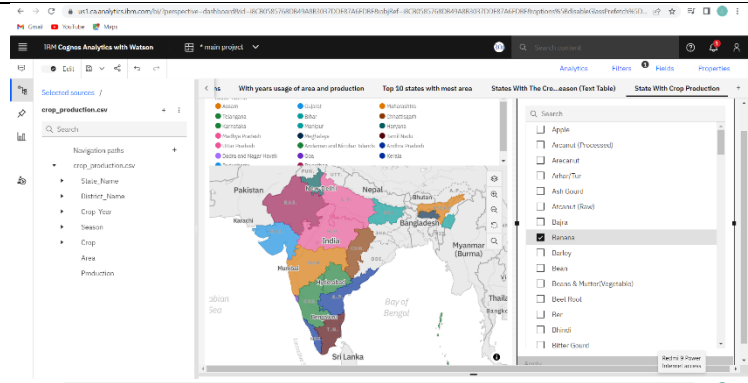
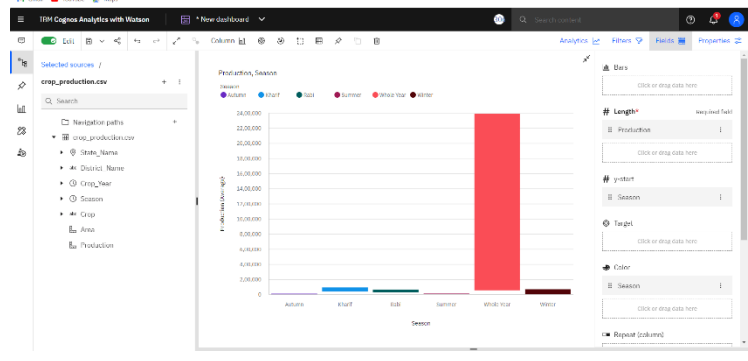
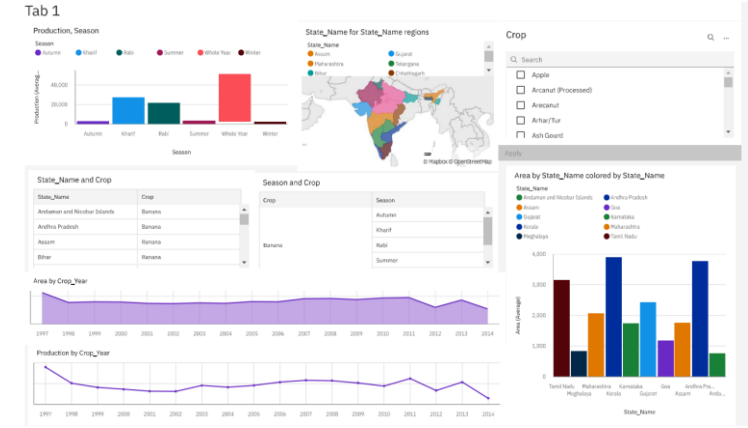
9.RESULT:

9.1.PERFORMANCE METRICS:

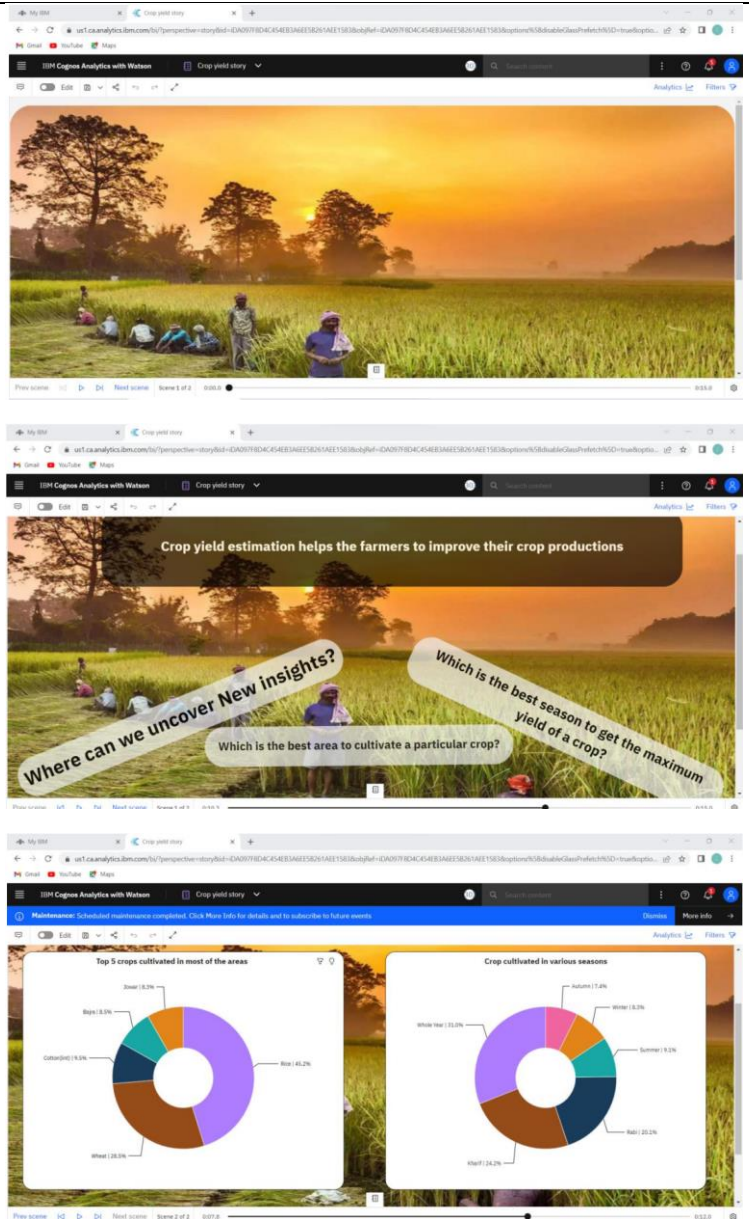
Model Performance Testing:

Project team shall fill the following information in model performance testing template.

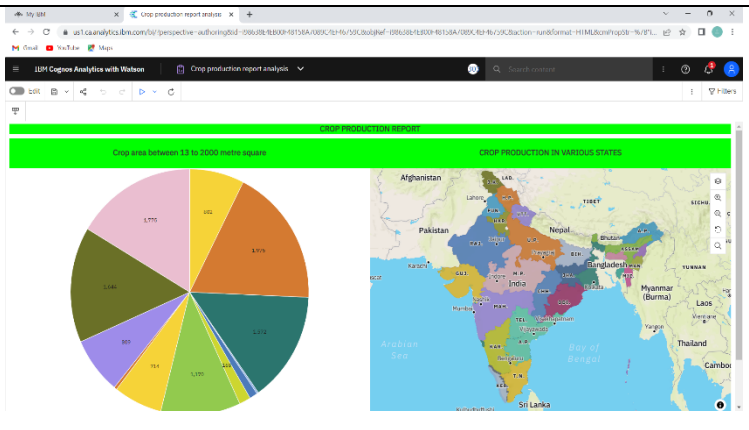
S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations -5</p> <p>The first screenshot shows the dashboard with two area charts: 'Area by Crop Year' and 'Production by Crop Year'. The second screenshot shows the dashboard with a bar chart titled 'Area by State Name colored by State Name'. The third screenshot shows the dashboard with a table titled 'State Name and Crop'.</p>

		 
		<p>Dashboard:</p> 
2.	Data Responsiveness	The page is more responsive and it is connected to IBM cognos with interactive hyperlinks.
3.	Amount Data to Rendered (DB2 Metrics)	There is one relevant dataset which is uploaded in IBM DB2. The database has been created and the user informations are stored for future use.
4.	Utilization of Data Filters	In cognos ,filters are used for more user understanding. Filters are used for all the visualisations and dashboard.

5. Effective User Story



6. Descriptive Reports



10. ADVANTAGES AND DISADVANTAGES

Advantages :

1. Estimating Crop Yield provide for better planning and decision-making to increase production.
2. The proposed project involves a prediction module based on the existing details used to forecast the yield of major crops.
3. Enables farmers to make decisions about when and what to plant and harvest crops based on crop area, crop production, and other factors such as weather conditions and seasons.
4. Enables farmers to make smart decisions for better profitability. Therefore, Crop Estimates contribute to better profit.

Disadvantages :

1. Predictions may be less accurate due to consideration of only certain factors.
2. Despite the estimated crop yield, with the changing of climate and seasons predictions may affect the predictions.

11. CONCLUSION

1. This project for the estimation of crop yield gives the farmer analytics and predictions for performing best practices for agriculture and helps the farmer for getting the best yield.
2. This model greatly helps the farmers who performs farming in all ranges from small to large scale farmers for getting better production.

12. FUTURE SCOPE

This project can be implemented in large scale and can be used widely by making this dashboard to work in various platforms such that everyone can access this with great ease.

13.APPENDIX

Index.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>AGRIMUS</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="styles/styles/css/style.css">
```

```
<link rel="icon" type="image/ico" href="images/mus.png">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
<script src="styles/styles/js/jquery.min.js"></script>
<script src="styles/styles/js/bootstrap.min.js"></script>
<style>
```

```
.header1{
height:90px;
```

```
background-color:black;
border:2px solid black;
}
```

```
.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
font-size: 50px;
color: #fff;
text-align: center;
```

```

    animation: glow 1s ease-in-out infinite alternate;
}

@-webkit-keyframes glow {
    from {
        text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
        50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
    }

    to {
        text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0
        0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
    }
}

body
{
background-image:url('images/download.jpg');
background-repeat:no-repeat;
background-size:cover;
height:100%;
width:100%;
}

</style>
<body>

<div>
    <div class="header1">
        
        <div class="rel">
            <h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
            class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</b></h1>
        </div>
    </div>
</div>
</div>

```

```
<div class="dropdown" style="margin-left:1050px; margin-top:-40px">
  <button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown" >MY ACCOUNT</button>
  <ul class="dropdown-menu">
    <li><a href="adminlogin.py">ADMIN</a></li>
    <li><a href="user_login.py">USER</a></li>
    <li><a href="newreg.html">REGISTER</a></li>

  </ul>
</div>
```

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```

```

<h1 style="margin-top:-500px;font-size:30px;margin-left:150px"><i>" If agriculture
goes wrong, nothing else will have a chance to go right"</i></h1>
</div>
```

```
</body>
</html>
```

Admin details.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>AGRIMUS</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="styles/styles/css/style.css">
```

```
<link rel="icon" type="image/ico" href="images/mus.png">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
<script src="styles/styles/js/jquery.min.js"></script>
<script src="styles/styles/js/bootstrap.min.js"></script>
<style>
```

```
.header1{
height:90px;
```

```
background-color:black;
border:2px solid black;
}
```

```
.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
font-size: 50px;
color: #fff;
text-align: center;
```

```
    animation: glow 1s ease-in-out infinite alternate;
}

@-webkit-keyframes glow {
    from {
        text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
        50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
    }

    to {
        text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0
        0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
    }
}

body
{

    background-repeat:no-repeat;
    background-size:cover;
    height:100%;
    width:100%;
}
```

</style>

<body>

<div>

<div class="header1">

<div class="rel">

<h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
 class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</h1>

</div>

</div>

</div>

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```

```

```

```
</div>
```

```
<style>
```

```
body {
```

```
  font-family: "Lato", sans-serif;
```

```
}
```

```
.sidebar {
```

```
  height: 100%;
```

```
  width: 0;
```

```
  position: fixed;
```

```
  z-index: 1;
```

```
  top: 0;
```

```
  left: 0;
```

```
  background-color: #111;
```

```
  overflow-x: hidden;
```

```
  transition: 0.5s;
```

```
  padding-top: 60px;
```

```
  margin-top:100px;
```

```
}
```

```
.sidebar a {
```

```
  padding: 8px 8px 8px 32px;
```

```
  text-decoration: none;
```

```
  font-size: 25px;
```

```
color: #818181;  
display: block;  
transition: 0.3s;  
}
```

```
.sidebar a:hover {  
color: #f1f1f1;  
}
```

```
.sidebar .closebtn {  
position: absolute;  
top: 0;  
right: 25px;  
font-size: 36px;  
margin-left: 50px;  
  
}
```

```
.openbtn {  
font-size: 20px;  
cursor: pointer;  
background-color: #111;  
color: white;  
padding: 10px 15px;  
border: none;  
}
```

```
.openbtn:hover {  
background-color: #444;  
}
```

```
#main {  
transition: margin-left .5s;  
padding: 16px;  
}
```



```
/* On smaller screens, where height is less than 450px, change the style of the sidenav  
(less padding and a smaller font size) */
```

```
@media screen and (max-height: 450px) {  
  .sidebar {padding-top: 15px;}  
  .sidebar a {font-size: 18px;}  
}  
</style>
```

```
<div id="mySidebar" class="sidebar">
```

```
  <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">x</a>
```

```
  <a href="user_details.html">User Details</a>
```

```
  <a href="visualisations.html"target="_blank">Visualisations</a>
```

```
  <a
```

```
href="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fmain%2Bproject&action=view&mode=dashboard&subView=model000001847bf34b47_00000000"target="_blank">Dashboard</a>
```

```
  <a
```

```
href="https://us1.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FCrop%2Byield%2Bstory&action=view&sceneId=model000001848170a5c1_00000002&sceneTime=15000"target="_blank">Story</a>
```

```
  <a
```

```
href="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FCrop%2Bproduction%2Breport%2Banalysis&action=run&format=HTML&prompt=false"target="_blank">Report</a>
```

```
  <a href="user_feedbacks_detail.html">Feedbacks</a>
```

```
</div>
```

```
<div id="main" style="margin-top:-620px">
```

```
  <button class="openbtn" onclick="openNav()">≡ </button>
```

```
</div>
```

```
<script>
```

```
function openNav() {
```

```
  document.getElementById("mySidebar").style.width = "250px";
```

```
  document.getElementById("main").style.marginLeft = "250px";
```

```
}
```

```
function closeNav() {  
    document.getElementById("mySidebar").style.width = "0";  
    document.getElementById("main").style.marginLeft= "0";  
}  
</script>
```

```
</body>
```

```
</html>
```

Admin_login.py:

```
#!C:/Users/arun/AppData/Local/Programs/Python/Python39/python.exe
```

```
print("Content-type:text/html \r\n\r\n")
```

```
import cgi,pymysql,cgitb;cgitb.enable()
```

```
print("""
```

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>LOGIN FORM</title>
```

```
<style>
```

```
.head{
```

```
background-image:url('images/he.jpg');
```

```
position:fixed;
```

```
width:100%;
```

```
}
```

```
.glow {
```

```
font-size: 50px;
```

```
color: #fff;
```

```
text-align: center;
```

```
animation: glow 1s ease-in-out infinite alternate;
```

```
}
```

```
@-webkit-keyframes glow {
```

```
  from {
```

```
    text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0 50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
```

```
  }
```

```
  to {
```

```
    text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0 0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
```

```
  }
```

```
}
```

```
</style>
```

```
<link rel="stylesheet" href="styles/style.css">
```

```
<script src="https://kit.fontawesome.com/a076d05399.js"></script>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
```

```
<link rel="icon" type="logo/icon" href="images/mus.png">
```

```
<script src="styles/bootstrap/jquery/jquery.min.js"></script>
```

```
<script src="styles/bootstrap/js/bootstrap.min.js"></script>
```

```
</head>
```

```
<body>
```

```
<div class="full">
```

```
  <div class="container-fluid" class="jumbotron text-center">
```

```
    <div class="head">
```

```
      <div class="row">
```

```

        <div class="col-sm-2"></div>
        <div class="col-lg-10"><h1 width="100%" style="margin-left:-
250px; color:white" class="glow"><b class="text-default">MUSICAL
SHOWROOM</b></h1></div>
        </div>
        </div>
        </div>
        </div>
<div class="container-fluid">
<div class="row">
    <div class="bg-img" style="background: url('images/bg.jpg')">
        <div class="content">
            <img src='images/icon.jpg' class="img-circle" height="100px" width="100px"
style="margin-bottom:10px">
            <form action="#" autocomplete="off">
                <div class="field">
                    <span class="fa fa-user"></span>
                    <input type="text" name="uname" required placeholder="Username">
                </div>
                <div class="field space">
                    <span class="fa fa-lock"></span>
                    <input type="password" class="pass-key" name="psw" required
placeholder="Password">
                    <span class="show">SHOW</span>
                </div>
                <br>
                <div class="field">
                    <input type="submit" name="submit" value="LOGIN">
                </div>
                <br>
                <div class="field">
                    <input type="reset" value="CANCEL" onclick = "location.href ='index.html';">
                </div>
            </form>
            <br>

```

```
</div>
</div>
    </div>
    </div>
    </div>
```

```
<script>
    const pass_field = document.querySelector('.pass-key');
    const showBtn = document.querySelector('.show');
    showBtn.addEventListener('click', function(){
        if(pass_field.type === "password"){
            pass_field.type = "text";
            showBtn.textContent = "HIDE";
            showBtn.style.color = "#3498db";
        }else{
            pass_field.type = "password";
            showBtn.textContent = "SHOW";
            showBtn.style.color = "#222";
        }
    });
</script>
```

```
</body>
</html>
""")

conn=pymysql.connect(host="localhost",user="root",password="",database="musical"
)

cur=conn.cursor()
f=cgi.FieldStorage()
usr = f.getvalue("uname")
pwd = f.getvalue("psw")
v = f.getvalue("submit")
```

if v != None:

```
q = """select id from admin where uname='%s' and psw='%s'"""%(usr, pwd)
```

```
cur.execute(q)
```

```
r = cur.fetchone()
```

if r != None:

```
print("""
```

```
    <script>
```

```
        alert("Login successfull");
```

```
        location.href="admindashboard.py";
```

```
    </script>
```

```
""")
```

else:

```
print("""
```

```
    <script>
```

```
        alert("Login invalid");
```

```
        location.href="adminlogin.py";
```

```
    </script>
```

```
""")
```

Details.html:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>AGRIMUS</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" href="styles/styles/css/style.css">
```

```
<link rel="icon" type="image/ico" href="images/mus.png">
```

```
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
```

```
<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
```

```
<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
```

```
</head>
```

```
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>

<script src="styles/styles/js/jquery.min.js"></script>
<script src="styles/styles/js/bootstrap.min.js"></script>
<style>
```

```
.header1{
height:90px;
```

```
background-color:black;
border:2px solid black;
}
```

```
.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
font-size: 50px;
color: #fff;
text-align: center;
animation: glow 1s ease-in-out infinite alternate;
}
```

```
@-webkit-keyframes glow {
from {
text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
```

```
}
```

```
to {
```

```
    text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0  
0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
```

```
}
```

```
}
```

```
body
```

```
{
```

```
background-repeat:no-repeat;
```

```
background-size:cover;
```

```
height:100%;
```

```
width:100%;
```

```
}
```

```
</style>
```

```
<body>
```

```
<div>
```

```
    <div class="header1">
```

```

```

```
<div class="rel">
```

```
<h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"  
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</b></h1>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```



```

```

```
</div>
```

```
<style>
```

```
body {
```

```
  font-family: "Lato", sans-serif;
```

```
}
```

```
.sidebar {
```

```
  height: 100%;
```

```
  width: 0;
```

```
  position: fixed;
```

```
  z-index: 1;
```

```
  top: 0;
```

```
  left: 0;
```

```
  background-color: #111;
```

```
  overflow-x: hidden;
```

```
  transition: 0.5s;
```

```
  padding-top: 60px;
```

```
  margin-top:100px;
```

```
}
```

```
.sidebar a {
```

```
  padding: 8px 8px 8px 32px;
```

```
  text-decoration: none;
```

```
  font-size: 25px;
```

```
  color: #818181;
```

```
  display: block;
```

```
  transition: 0.3s;
```

```
}
```

```
.sidebar a:hover {
```

```
    color: #f1f1f1;
}
```

```
.sidebar .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}
```

```
.openbtn {
    font-size: 20px;
    cursor: pointer;
    background-color: #111;
    color: white;
    padding: 10px 15px;
    border: none;
}
```

```
.openbtn:hover {
    background-color: #444;
}
```

```
#main {
    transition: margin-left .5s;
    padding: 16px;
}
```

```
/* On smaller screens, where height is less than 450px, change the style of the sidenav
(less padding and a smaller font size) */
```

```
@media screen and (max-height: 450px) {
    .sidebar {padding-top: 15px;}
    .sidebar a {font-size: 18px;}
}
```

</style>

<div id="mySidebar" class="sidebar">

x

Visualisations

Dashboard

Story

Report

Feedback

</div>

<div id="main" style="margin-top:-620px">

<button class="openbtn" onclick="openNav()">≡ </button>

</div>

<script>

function openNav() {

document.getElementById("mySidebar").style.width = "250px";

document.getElementById("main").style.marginLeft = "250px";

}

function closeNav() {

document.getElementById("mySidebar").style.width = "0";

document.getElementById("main").style.marginLeft = "0";

}

</script>

```
</body>
</html>
```

Register.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>AGRIMUS</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="styles/styles/css/style.css">
  <link rel="icon" type="image/ico" href="images/mus.png">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
  <link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
  <script src="styles/styles/js/jquery.min.js"></script>
  <script src="styles/styles/js/bootstrap.min.js"></script>
<style>

.header1{
height:90px;

background-color:black;
border:2px solid black;
}
```

```
.rel{
```

```
position:absolute;
```

```
top:10%;
```

```
margin-left:0px;
```

```
}
```

```
.glow {
```

```
font-size: 50px;
```

```
color: #fff;
```

```
text-align: center;
```

```
animation: glow 1s ease-in-out infinite alternate;
```

```
}
```

```
@-webkit-keyframes glow {
```

```
from {
```

```
text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0 50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
```

```
}
```

```
to {
```

```
text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0 0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
```

```
}
```

```
}
```

```
body
```

```
{
```

```
background-image:url('images/download.jpg');
```

```
background-repeat:no-repeat;
```

```
background-size:cover;
```

```
}
```

```
</style>
<body>

<div>
    <div class="header1">



<div class="rel">

<h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</b></h1>

</div>
</div>
</div>
```

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```

```

```

```
<form action="#" style="margin-top:-500px;margin-left: 550px;"
autocomplete="off">
```

```
<b>Username </b>

<input type="email" id="email" name="username"/> <br>

<br>

<b>Password: </b>

<input type="Password" id="pass" name="password"> <br>

<br>

<b>Re-type password: </b>

<input type="Password" id="repass" name="repass">

<br><br>

<b> <label> Name: </label></b>

<input type="text" name="name" size="15"/> <br> <br>
```

```
<label>
<b> Gender : </b>
  </label>
  <b><input type="radio" name="male"/> Male
  <input type="radio" name="female"/> Female
  <input type="radio" name="other"/> Other </b>
  <br>
  <br>
```

```
<label>
```

```
  <b>Phone : </b>
</label>
<input type="text" name="country code" value="+91" size="2"/>
<input type="text" name="phone" size="10"/> <br> <br>
```

```
<b> <label> State: </label> </b>
  <input type="text" name="state" size="15"/>

  <br> <br>
  <b><a href="user_login.py"> <input type="button" value="Submit" style="margin-
left: 80px;"/> </a> </b>
  </form>
```

```
</div>
```

```
</body>
```

```
</html>
```

User_details.py:

```
#!C:/Users/arun/AppData/Local/Programs/Python/Python39/python.exe
print("Content-type:text/html \r\n\r\n")
```

```

import cgi,pymysql,cgitb;cgitb.enable()

conn=pymysql.connect(host="localhost", user="root", password="",
database="agremo")

cur=conn.cursor()

q1=""""select max(id) from feedback""""

cur.execute(q1)

r=cur.fetchone()

print("""

<!DOCTYPE html>

<html lang="en">

<head>

    <title>AGRIMUS</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="styles/styles/css/style.css">

<link rel="icon" type="image/ico" href="images/mus.png">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">

<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">

</head>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>

<script src="styles/styles/js/jquery.min.js"></script>

<script src="styles/styles/js/bootstrap.min.js"></script>

<style>

.header1{
height:90px;

background-color:black;
border:2px solid black;
}

```



```
.rel{
```

```
position:absolute;
```

```
top:10%;
```

```
margin-left:0px;
```

```
}
```

```
.glow {
```

```
font-size: 50px;
```

```
color: #fff;
```

```
text-align: center;
```

```
animation: glow 1s ease-in-out infinite alternate;
```

```
}
```

```
@-webkit-keyframes glow {
```

```
from {
```

```
text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0 50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
```

```
}
```

```
to {
```

```
text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0 0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
```

```
}
```

```
}
```

```
body
```

```
{
```

```
background-repeat:no-repeat;
```

```
background-size:cover;
```

```
height:100%;
```

```
width:100%;
```

```
}
```

</style>

<body>

<div>

<div class="header1">

<div class="rel">

<h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px" class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</h1>

</div>

</div>

</div>

<div class="container" style="margin-top:10px;height:600px;width:100%">

</div>

<style>

body {

font-family: "Lato", sans-serif;

}

.sidebar {

height: 100%;

width: 0;

position: fixed;

```
z-index: 1;  
top: 0;  
left: 0;  
background-color: #111;  
overflow-x: hidden;  
transition: 0.5s;  
padding-top: 60px;  
margin-top: 100px;  
}
```

```
.sidebar a {  
padding: 8px 8px 8px 32px;  
text-decoration: none;  
font-size: 25px;  
color: #818181;  
display: block;  
transition: 0.3s;  
}
```

```
.sidebar a:hover {  
color: #f1f1f1;  
}
```

```
.sidebar .closebtn {  
position: absolute;  
top: 0;  
right: 25px;  
font-size: 36px;  
margin-left: 50px;  
}
```

```
.openbtn {  
font-size: 20px;  
cursor: pointer;
```

```
background-color: #111;
color: white;
padding: 10px 15px;
border: none;
}
```

```
.openbtn:hover {
background-color: #444;
}
```

```
#main {
transition: margin-left .5s;
padding: 16px;
}
```

```
/* On smaller screens, where height is less than 450px, change the style of the sidenav
(less padding and a smaller font size) */
```

```
@media screen and (max-height: 450px) {
.sidebar {padding-top: 15px;}
.sidebar a {font-size: 18px;}
}
</style>
```

```
<div id="mySidebar" class="sidebar">
```

```
<a href="javascript:void(0)" class="closebtn" onclick="closeNav()">x</a>
```

```
<a href="user_details.html">User Details</a>
```

```
<a href="visualisations.html">Visualisations</a>
```

```
<a
```

```
href="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fmain%2Bproject&action=view&mode=dashboard&subView=model000001847bf34b47_00000000">Dashboard</a>
```

```
<a
```

```
href="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FCrop%2Bproduction%2Breport%2Banalysis&action=edit">Story</a>
```

```
<a href="user_feedbacks_detail.py">Feedbacks</a>
```

```
</div>
```



```
<link rel="stylesheet" href="styles/styles/css/style.css">
<link rel="icon" type="image/ico" href="images/mus.png">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>

<script src="styles/styles/js/jquery.min.js"></script>
<script src="styles/styles/js/bootstrap.min.js"></script>
<style>
```

```
.header1{
height:90px;
```

```
background-color:black;
border:2px solid black;
}
```

```
.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
font-size: 50px;
color: #fff;
```

```
text-align: center;
animation: glow 1s ease-in-out infinite alternate;
}

@-webkit-keyframes glow {
  from {
    text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
    50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
  }

  to {
    text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0
    0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
  }
}

body
{
background-image:url('images/download.jpg');
background-repeat:no-repeat;
background-size:cover;
}
```

</style>

<body>

<div>

 <div class="header1">

 <div class="rel">

 <h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</h1>

 </div>

 </div>

</div>

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```

```

```

```
<form action="#" autocomplete="off" style="margin-top:-500px;margin-left:500px">
```

```
<div class="field">
```

```
<span class="fa fa-user"></span>
```

```
<label style="font-family:'Times New Roman', Times, serif;font-size:20px">Enter the  
Name:</label> <input type="text" name="name" required>
```

```
</div>
```

```
<div class="field space">
```

```
<span class="fa fa-lock"></span>
```

```
<label style="font-family:'Times New Roman', Times, serif;font-size:20px">Enter  
Your State:</label> <input type="text" class="pass-key" name="state" required>
```

```
</div>
```

```
<div class="field space">
```

```
<span class="fa fa-lock"></span>
```

```
<label style="font-family:'Times New Roman', Times, serif;font-size:20px">Enter  
Your feedback:</label> <input type="text" class="pass-key" name="comment"  
required>
```

```
</div>
```

```
<br>
```

```
<div class="field">
```

```
<input type="submit" name="submit" value="SUBMIT" style="margin-left:100px"  
onclick = "location.href ='details.html';">
```

```
<input type="reset" value="CANCEL" onclick = "location.href ='details.html';">
```

```
</div>
```

```
<br>
```



```
</form>
```

```
</div>
```

```
</body>
```

```
</html>""")
```

```
conn = pymysql.connect(host="localhost", user="root", password="",
database="agremo")
```

```
cur = conn.cursor()
```

```
f = cgi.FieldStorage()
```

```
name = f.getvalue("name")
```

```
state = f.getvalue("state")
```

```
comment=f.getvalue("comment")
```

```
v = f.getvalue("submit")
```

```
if v != None:
```

```
    print("""
```

```
        <script>
```

```
            alert("successfull");
```

```
            location.href="details.html";
```

```
        </script>
```

```
    """)
```

User_feedbacks_detail.py:

```
#!C:/Users/arun/AppData/Local/Programs/Python/Python39/python.exe
```

```
print("Content-type:text/html \r\n\r\n")
```

```
import cgi,pymysql,cgitb;cgitb.enable()
```

```
conn=pymysql.connect(host="localhost", user="root", password="",
database="agremo")
```

```
cur=conn.cursor()
```

```
q1="""select max(id) from feedback"""
```

```
cur.execute(q1)
```

```
r=cur.fetchone()
```

```
print("""
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
  <title>AGRIMUS</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="styles/styles/css/style.css">
  <link rel="icon" type="image/ico" href="images/mus.png">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
  <link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
  <script src="styles/styles/js/jquery.min.js"></script>
  <script src="styles/styles/js/bootstrap.min.js"></script>
<style>

.header1{
height:90px;

background-color:black;
border:2px solid black;
}

.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
  font-size: 50px;
  color: #fff;
  text-align: center;
  animation: glow 1s ease-in-out infinite alternate;
}

@-webkit-keyframes glow {
  from {
    text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
    50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
  }

  to {
    text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0
    0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
  }
}

body
{

  background-repeat:no-repeat;
  background-size:cover;
  height:100%;
  width:100%;
}

</style>
<body>

<div>
  <div class="header1">


```

```
<div class="rel">
<h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</b></h1>
</div>
</div>
</div>
```

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```

```

```

```
</div>
```

```
<style>
```

```
body {
  font-family: "Lato", sans-serif;
}
```

```
.sidebar {
  height: 100%;
  width: 0;
  position: fixed;
  z-index: 1;
  top: 0;
  left: 0;
  background-color: #111;
  overflow-x: hidden;
  transition: 0.5s;
  padding-top: 60px;
  margin-top:100px;
}
```

```
.sidebar a {  
  padding: 8px 8px 8px 32px;  
  text-decoration: none;  
  font-size: 25px;  
  color: #818181;  
  display: block;  
  transition: 0.3s;  
}
```

```
.sidebar a:hover {  
  color: #f1f1f1;  
}
```

```
.sidebar .closebtn {  
  position: absolute;  
  top: 0;  
  right: 25px;  
  font-size: 36px;  
  margin-left: 50px;  
  
}
```

```
.openbtn {  
  font-size: 20px;  
  cursor: pointer;  
  background-color: #111;  
  color: white;  
  padding: 10px 15px;  
  border: none;  
}
```

```
.openbtn:hover {  
  background-color: #444;  
}
```

```

#main {
  transition: margin-left .5s;
  padding: 16px;
}

/* On smaller screens, where height is less than 450px, change the style of the sidenav
(less padding and a smaller font size) */
@media screen and (max-height: 450px) {
  .sidebar {padding-top: 15px;}
  .sidebar a {font-size: 18px;}
}
</style>

```

```

<div id="mySidebar" class="sidebar">
  <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">x</a>
  <a href="user_details.html">User Details</a>
  <a href="visualisations.html">Visualisations</a>
  <a
href="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fmain%2Bproject&action=view&mode=dashboard&subView=model000001847bf34b47_00000000">Dashboard</a>
  <a
href="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FCrop%2Bproduction%2Breport%2Banalysis&action=edit">Story</a>
  <a href="user_feedbacks_detail.py">Feedbacks</a>
</div>

```

```

<div id="main" style="margin-top:-620px">
  <button class="openbtn" onclick="openNav()">≡ </button>

```

```

</div>
<table style="margin-left:200px;width:100%">

<tr>
<th>ID</th>

```

Name |

```
<script>

function openNav() {

    document.getElementById("mySidebar").style.width = "250px";
    document.getElementById("main").style.marginLeft = "250px";
}

function closeNav() {

    document.getElementById("mySidebar").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
}

</script>
```

```
</body>
</html>
```

User_login.py:

```
#!C:/Users/arun/AppData/Local/Programs/Python/Python39/python.exe
print("Content-type:text/html \r\n\r\n")

import cgi, pymysql, cgi;cgi.enable()

print("""
<!DOCTYPE html>

<html lang="en">

<head>

  <title>AGRIMUS</title>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

```

```
<link rel="stylesheet" href="styles/styles/css/style.css">
<link rel="icon" type="image/ico" href="images/mus.png">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>

<script src="styles/styles/js/jquery.min.js"></script>
<script src="styles/styles/js/bootstrap.min.js"></script>
<style>
```

```
.header1{
height:90px;
```

```
background-color:black;
border:2px solid black;
}
```

```
.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
font-size: 50px;
color: #fff;
```



```
text-align: center;
animation: glow 1s ease-in-out infinite alternate;
}

@-webkit-keyframes glow {
  from {
    text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
  }

  to {
    text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0
0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
  }
}

body
{
background-image:url('images/download.jpg');
background-repeat:no-repeat;
background-size:cover;
}
```

</style>

<body>

<div>

 <div class="header1">

 <div class="rel">

 <h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</h1>

 </div>

 </div>

</div>

```
<div class="container" style="margin-top:10px;height:600px;width:100%">
```

```

```

```
<form action="#" autocomplete="off" style="margin-top:-500px;margin-left:500px">
```

```
<div class="field">
```

```
<span class="fa fa-user"></span>
```

```
<label style="font-family:'Times New Roman', Times, serif;font-size:20px">Enter the  
username:</label> <input type="text" name="username" required  
placeholder="Username">
```

```
</div>
```

```
<div class="field space">
```

```
<span class="fa fa-lock"></span>
```

```
<label style="font-family:'Times New Roman', Times, serif;font-size:20px">Enter  
the password:</label> <input type="password" class="pass-key" name="password"  
required placeholder="Password">
```

```
</div>
```

```
<br>
```

```
<div class="field">
```

```
<input type="submit" name="submit" value="LOGIN" style="margin-left:100px"  
onclick = "location.href ='details.html';">
```

```
<input type="reset" value="CANCEL" onclick = "location.href ='index.html';">
```

```
</div>
```

```
<br>
```

```
</form>
```

```
</div>
```

```
<script>
```

```
const pass_field = document.querySelector('.pass-key');
```

```
const showBtn = document.querySelector('.show');
```

```

showBtn.addEventListener('click', function(){
    if(pass_field.type === "password"){
        pass_field.type = "text";
        showBtn.textContent = "HIDE";
        showBtn.style.color = "#3498db";
    }else{
        pass_field.type = "password";
        showBtn.textContent = "SHOW";
        showBtn.style.color = "#222";
    }
});
</script>

```

```

</body>

```

```

</html>""")

```

```

conn = pymysql.connect(host="localhost", user="root", password="",
database="agremo")

```

```

cur = conn.cursor()

```

```

f = cgi.FieldStorage()

```

```

username = f.getvalue("username")

```

```

password = f.getvalue("password")

```

```

v = f.getvalue("submit")

```

```

if v != None:

```

```

    q = """"select id from register where username='%s' and password='%s'"""" %(
username, password)

```

```

    cur.execute(q)

```

```

    r = cur.fetchone()

```

```

    if r != None:

```

```

        print("""

```

```

            <script>

```

```

                alert("Login successfull");

```

```

                location.href="details.html";

```

```

            </script>

```

```

        """)
    else:
        print("""
            <script>
                alert("Login invalid");
                location.href="user_login.py";
            </script>
        """)

```

User_register.py:

```

#!C:/Users/arun/AppData/Local/Programs/Python/Python39/python.exe

```

```

print("Content-type:text/html \r\n\r\n")

```

```

import cgi,pymysql,cgitb;cgitb.enable()

```

```

conn=pymysql.connect(host="localhost", user="root", password="",
database="agremo")

```

```

cur=conn.cursor()

```

```

q1="""select max(id) from register"""

```

```

cur.execute(q1)

```

```

r=cur.fetchone()

```

```

print("""

```

```

<!DOCTYPE html>

```

```

<html lang="en">

```

```

<head>

```

```

    <title>AGRIMUS</title>

```

```

    <meta charset="UTF-8">

```

```

    <meta name="viewport" content="width=device-width, initial-scale=1">

```

```

<link rel="stylesheet" href="styles/styles/css/style.css">

```

```

<link rel="icon" type="image/ico" href="images/mus.png">

```

```

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

```

```

<link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">

```

```

<link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">

```

```

</head>

```

```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

```

```

    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>

```

```
<script src="styles/styles/js/jquery.min.js"></script>
<script src="styles/styles/js/bootstrap.min.js"></script>
<style>
```

```
.header1{
height:90px;
```

```
background-color:black;
border:2px solid black;
}
```

```
.rel{

position:absolute;
top:10%;
margin-left:0px;
}
```

```
.glow {
font-size: 50px;
color: #fff;
text-align: center;
animation: glow 1s ease-in-out infinite alternate;
}
```

```
@-webkit-keyframes glow {
from {
text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0
50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;
}
```

```
to {
```

```
text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0 0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;
```

```
}
```

```
}
```

```
body
```

```
{
```

```
background-image:url('images/download.jpg');
```

```
background-repeat:no-repeat;
```

```
background-size:cover;
```

```
}
```

```
</style>
```

```
<body>
```

```
<div>
```

```
    <div class="header1">
```

```
    
```

```
    <div class="rel">
```

```
    <h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</b></h1>
```

```
    </div>
```

```
    </div>
```

```
</div>""")
```

```
print("""
```

```
    <div class="container" style="margin-top:10px;height:600px;width:100%">
```

```
    
```

```
    <form action="#" style="margin-top:-500px;margin-left: 550px;"
autocomplete="off">
```

```
<b>Email: </b>""%(id))
print("""
    <input type="email" id="email" name="username"/> <br>
    <br>
<b>Password: </b>
    <input type="Password" id="pass" name="password"> <br>
    <br>
<b>Re-type password: </b>
    <input type="Password" id="repass" name="repass">
    <br><br>
    <b> <label> Name: </label></b>
    <input type="text" name="name" size="15"/> <br> <br>
    <label>
<b> Gender : </b>
    </label>
    <b><input type="radio" name="male"/> Male
    <input type="radio" name="female"/> Female
    <input type="radio" name="other"/> Other </b>
    <br>
    <br>

    <label>

    <b>Phone : </b>
</label>
<input type="text" name="country code" value="+91" size="2"/>
<input type="text" name="phone" size="10"/> <br> <br>

<b> <label> State: </label> </b>
    <input type="text" name="state" size="15"/>
```

```

        <br> <br>

        <b><a href="user_login.html"> <input type="button" value="Submit"
style="margin-left: 80px;"/> </a> </b>

    </form>

</div>

</body>
</html>"""%(id))
f=cgi.FieldStorage()
sub=f.getvalue("submit")
if sub !=None:
    userid = f.getvalue("id")
    username = f.getvalue("username")
    password = f.getvalue("password")
    name = f.getvalue("name")
    gender = f.getvalue("gender")
    phone = f.getvalue("phone")
    state= f.getvalue("state")
    q = """insert into
register(id,username,password,name,gender,phone,state)values('%s','%s','%s','%s','
%s','%s','%s' )"""%(id,username,password,name,gender,state)

    cur.execute(q)
    conn.commit()
    conn.close()

print("""
<script>

    alert("Registration successful");

    location.href="user_login.py";

</script>

""")

```


else:

```
print("""
    <script>
        alert("Login invalid");
        location.href="user_register.py";
    </script>
    """)
```

Visualisation.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>AGRIMUS</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="styles/styles/css/style.css">
    <link rel="icon" type="image/ico" href="images/mus.png">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <link rel="stylesheet" href="https://bootstrap.bundle.min.js/bootstrap.bundle.js">
    <link rel="stylesheet" type="text/css"
href="styles/bootstrap/css/bootstrap.min.css">
</head>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
    <script src="styles/styles/js/jquery.min.js"></script>
    <script src="styles/styles/js/bootstrap.min.js"></script>
<style>

.header1{
height:90px;

background-color:black;
border:2px solid black;
}
```

.rel{

position:absolute;

top:10%;

margin-left:0px;

}

.glow {

font-size: 50px;

color: #fff;

text-align: center;

animation: glow 1s ease-in-out infinite alternate;

}

@-webkit-keyframes glow {

from {

text-shadow: 0 0 10px #fff, 0 0 20px #fff, 0 0 30px #e60073, 0 0 40px #e60073, 0 0 50px #e60073, 0 0 60px #e60073, 0 0 70px #e60073;

}

to {

text-shadow: 0 0 20px #fff, 0 0 30px #ff4da6, 0 0 40px #ff4da6, 0 0 50px #ff4da6, 0 0 60px #ff4da6, 0 0 70px #ff4da6, 0 0 80px #ff4da6;

}

}

body

{

background-repeat:no-repeat;

background-size:cover;

height:100%;

width:100%;

```
}
```

```
</style>
```

```
<body>
```

```
<div>
```

```
    <div class="header1">
```

```
    
```

```
    <div class="rel">
```

```
    <h1 width="100%" style="margin-left:500px; color:white; margin-top:-50px"
class="glow"><b class="text-default" style="fontsize:40px" >AGRIMUS</b></h1>
```

```
    </div>
```

```
  </div>
```

```
</div>
```

```
    <div class="container" style="margin-top:10px;height:600px;width:100%">
```

```
    
```

```
</div>
```

```
<style>
```

```
body {
```

```
    font-family: "Lato", sans-serif;
```

```
}
```

```
.sidebar {
```

```
    height: 100%;
```

```
    width: 0;
```

```
position: fixed;  
z-index: 1;  
top: 0;  
left: 0;  
background-color: #111;  
overflow-x: hidden;  
transition: 0.5s;  
padding-top: 60px;  
margin-top: 100px;  
}
```

```
.sidebar a {  
padding: 8px 8px 8px 32px;  
text-decoration: none;  
font-size: 25px;  
color: #818181;  
display: block;  
transition: 0.3s;  
}
```

```
.sidebar a:hover {  
color: #f1f1f1;  
}
```

```
.sidebar .closebtn {  
position: absolute;  
top: 0;  
right: 25px;  
font-size: 36px;  
margin-left: 50px;  
  
}
```

```
.openbtn {  
font-size: 20px;
```

```
    cursor: pointer;
    background-color: #111;
    color: white;
    padding: 10px 15px;
    border: none;
}
```

```
.openbtn:hover {
    background-color: #444;
}
```

```
#main {
    transition: margin-left .5s;
    padding: 16px;
}
```

/* On smaller screens, where height is less than 450px, change the style of the sidenav (less padding and a smaller font size) */

```
@media screen and (max-height: 450px) {
    .sidebar {padding-top: 15px;}
    .sidebar a {font-size: 18px;}
}
</style>
```

```
<div id="mySidebar" class="sidebar">
    <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">x</a>
    <a href="visualisations.html">Visualisations</a>
    <a
href="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fmain%2Bproject&action=view&mode=dashboard&subView=model000001847bf34b47_00000000">Dashboard</a>
    <a
href="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FCrop%2Bproduction%2Breport%2Banalysis&action=edit">Story</a>
```

Report

Feedback

</div>

<div id="main" style="margin-top:-620px">

<button class="openbtn" onclick="openNav()">≡ </button>

</div>

<div style="margin-left:500px">

<h1 style="font-family:'Times New Roman', Times, serif;font-size:30px">VISUALISATIONS</h1>

<h1 style="font-family:'Times New Roman', Times, serif;font-size:20px">1.Seasons With Average Productions</h1>

<h1 style="font-family:'Times New Roman', Times, serif;font-size:20px">2.With Years Usage Of Area And Production</h1>

<h1 style="font-family:'Times New Roman', Times, serif;font-size:20px">3.Top 10 States With Most Area</h1>

<h1 style="font-family:'Times New Roman', Times, serif;font-size:20px">4.State With Crop Production</h1>

<h1 style="font-family:'Times New Roman', Times, serif;font-size:20px">5.States With The Crop Production Along With Season (Text Table)</h1>

```
<script>
function openNav() {
    document.getElementById("mySidebar").style.width = "250px";
    document.getElementById("main").style.marginLeft = "250px";
}

function closeNav() {
    document.getElementById("mySidebar").style.width = "0";
    document.getElementById("main").style.marginLeft= "0";
}
</script>
```

```
</body>
</html>
```

Github :

<https://github.com/IBM-EPBL/IBM-Project-3908-1658670954>

Demo Link:

<https://www.loom.com/share/e47412884de64d19803e6ee56fabb544>